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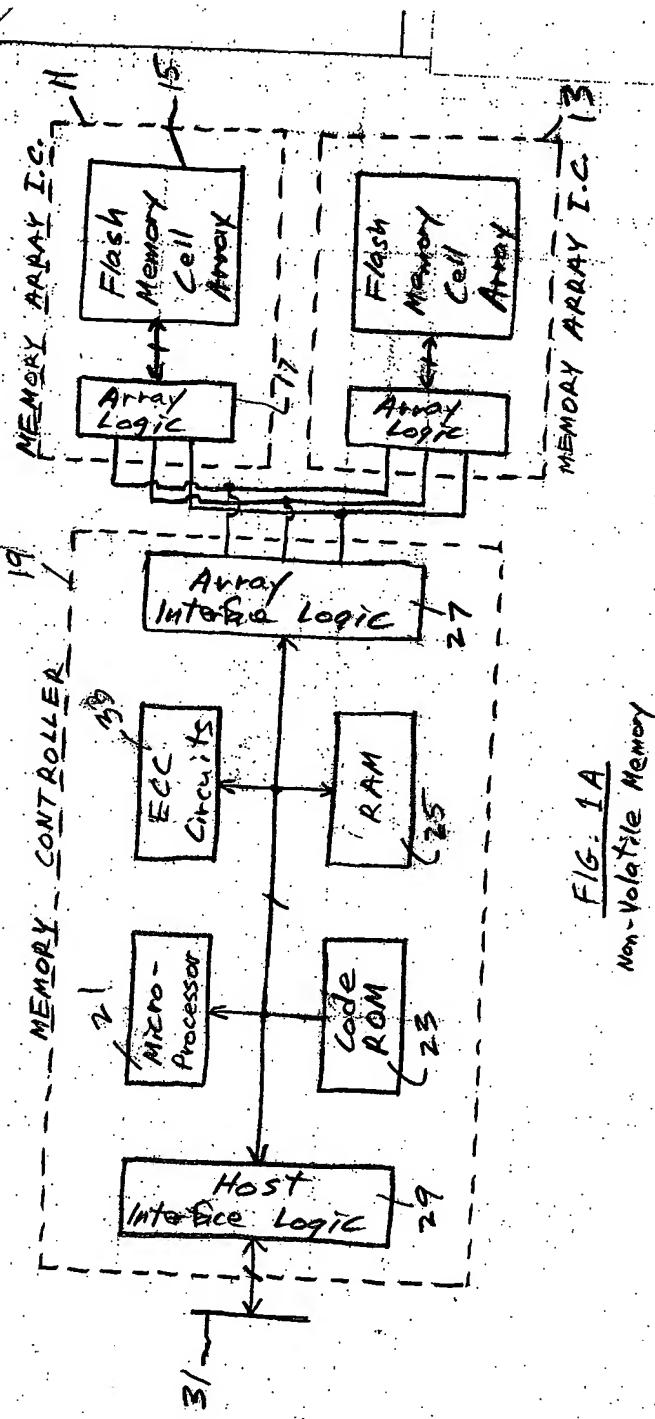
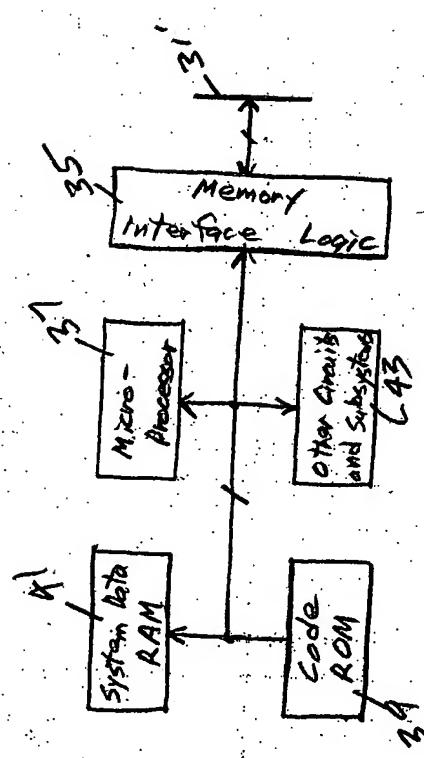
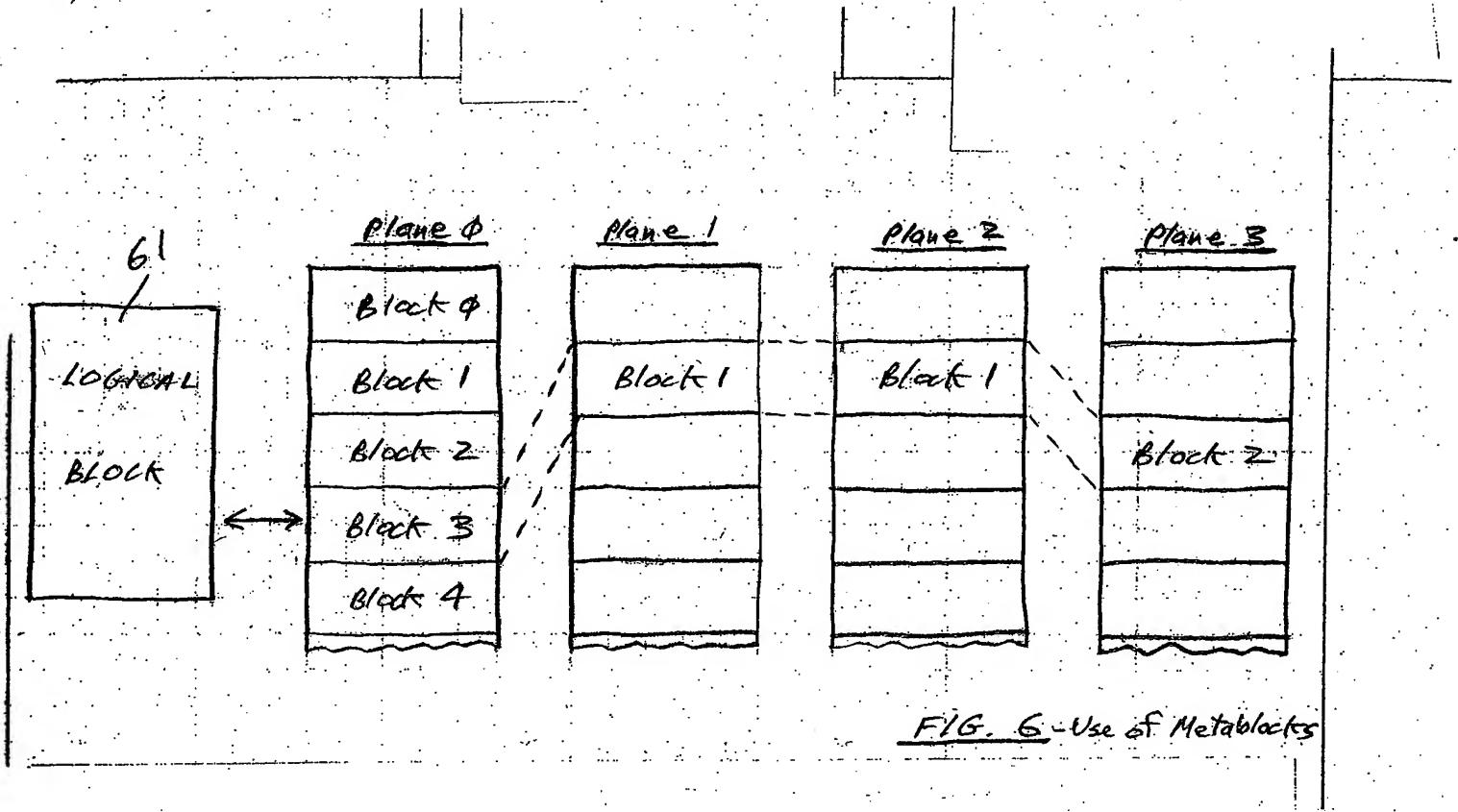


FIG: 1A
Non-Volatile Memory



F/16. 18
Host



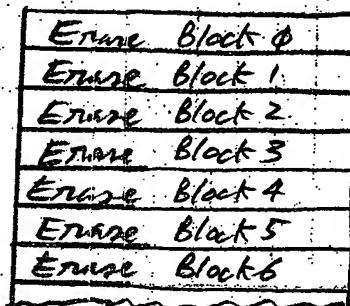


FIG. 2.

51
Host User Data Sector

Overhead ("OH")
Data

Data Block OH
ECC, Parity, ECC

53 55 57

FIG. 3.

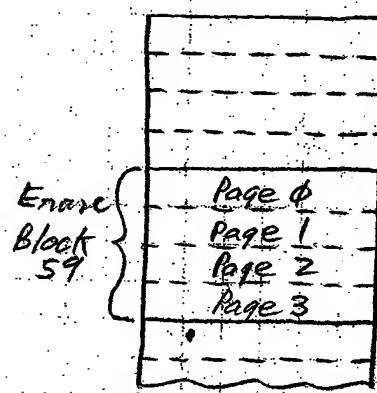


FIG. 4.

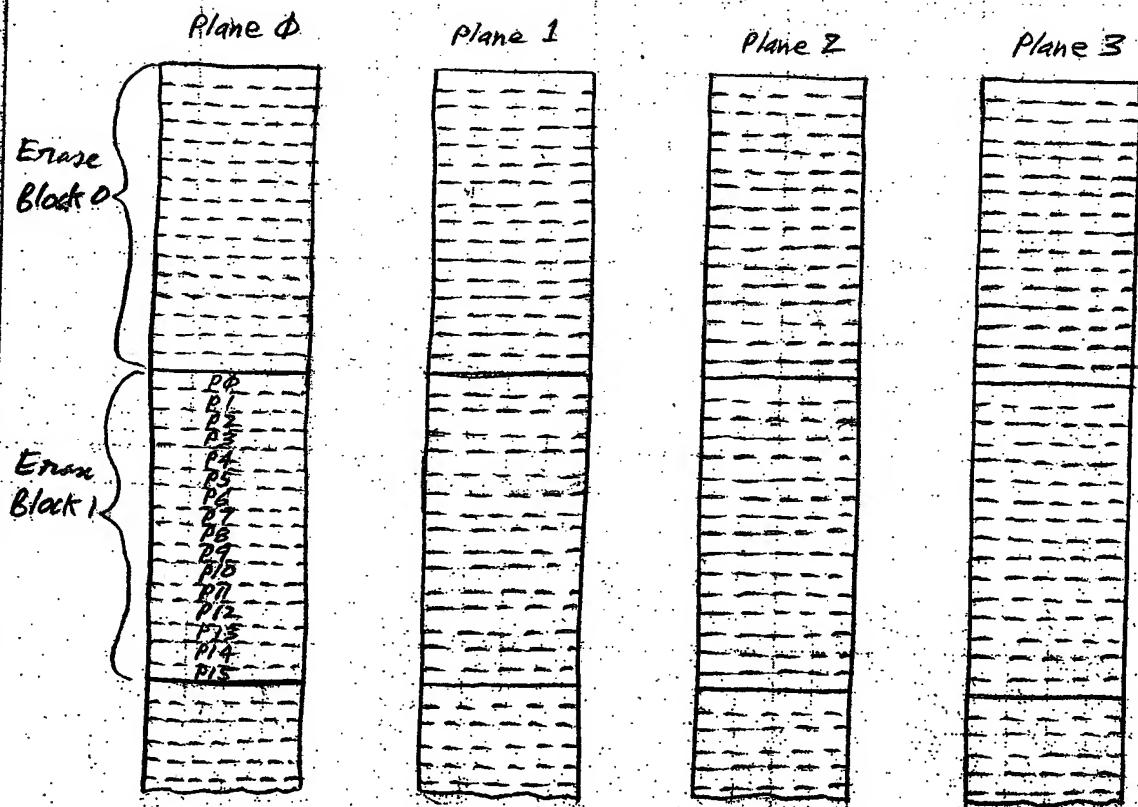


FIG. 5.

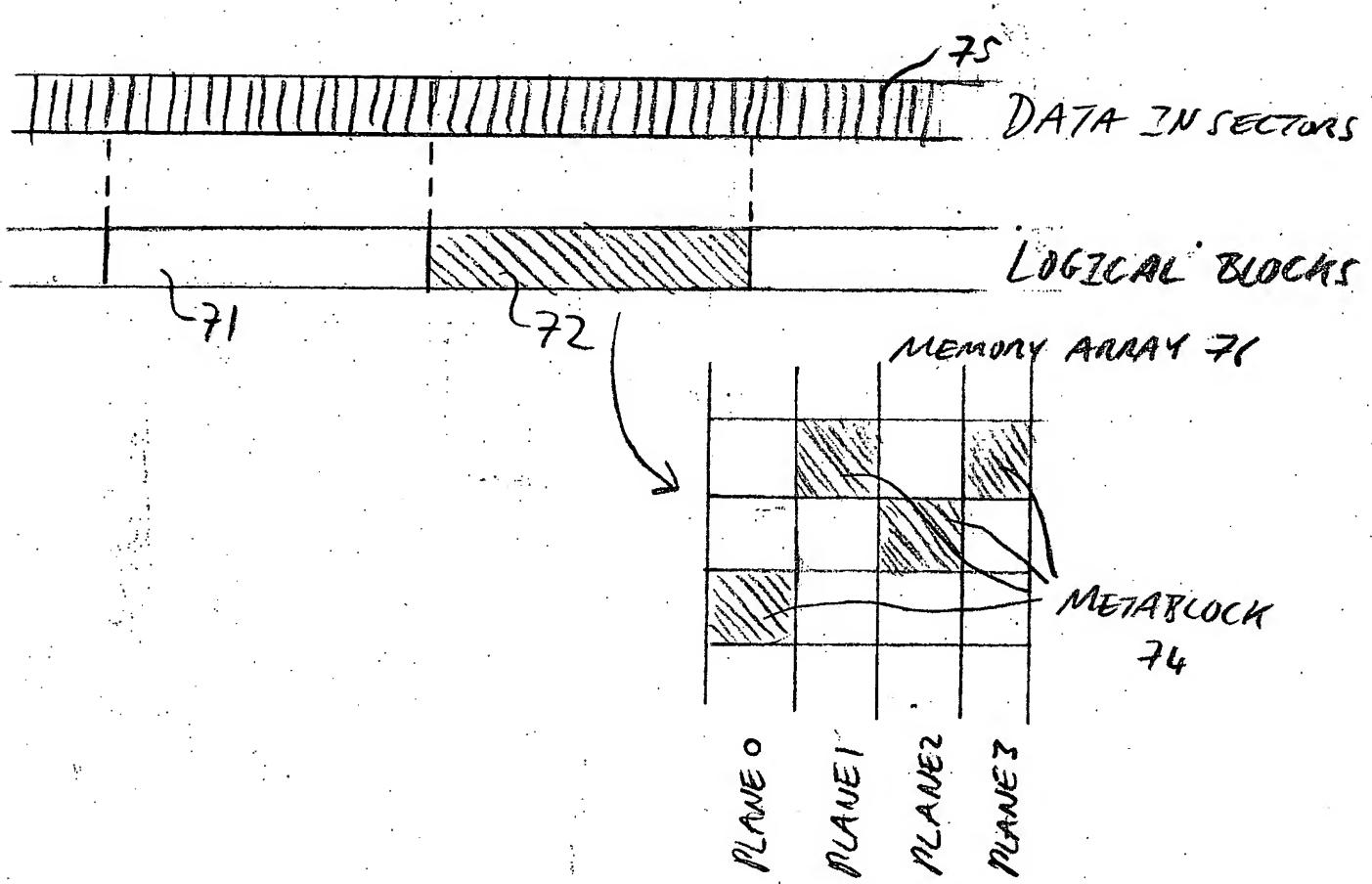


FIGURE 7

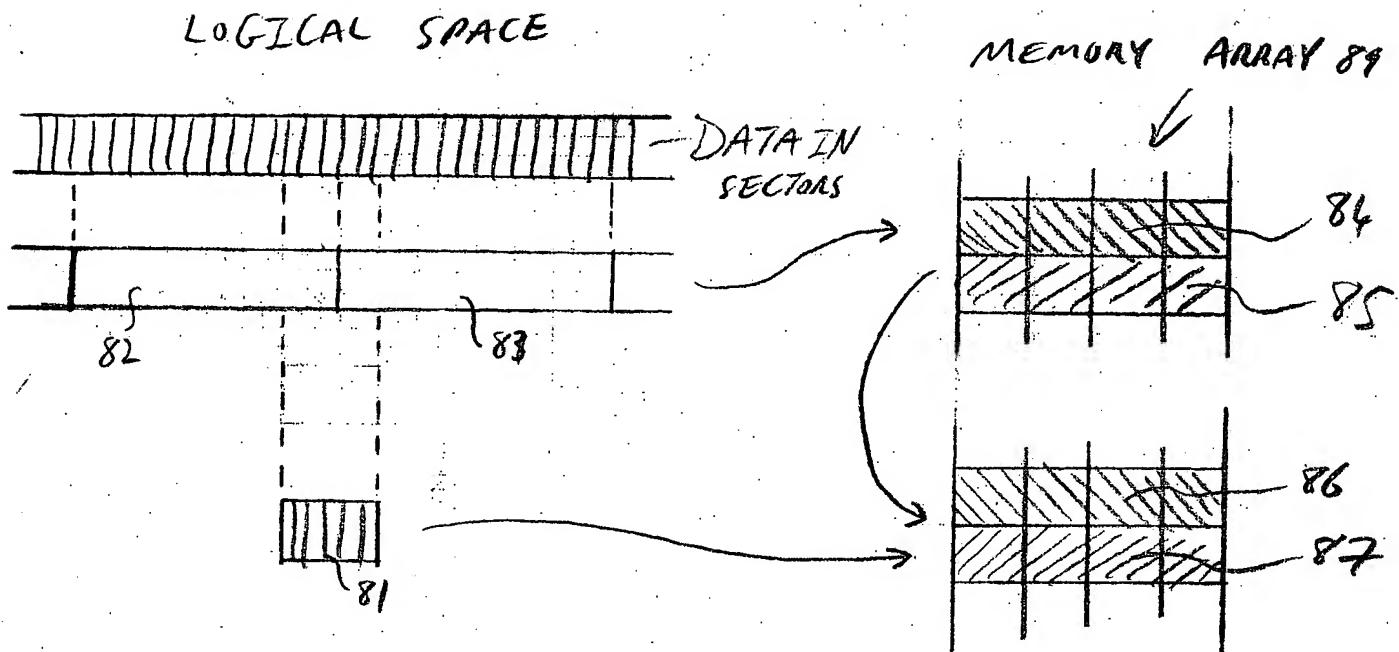


FIGURE 8

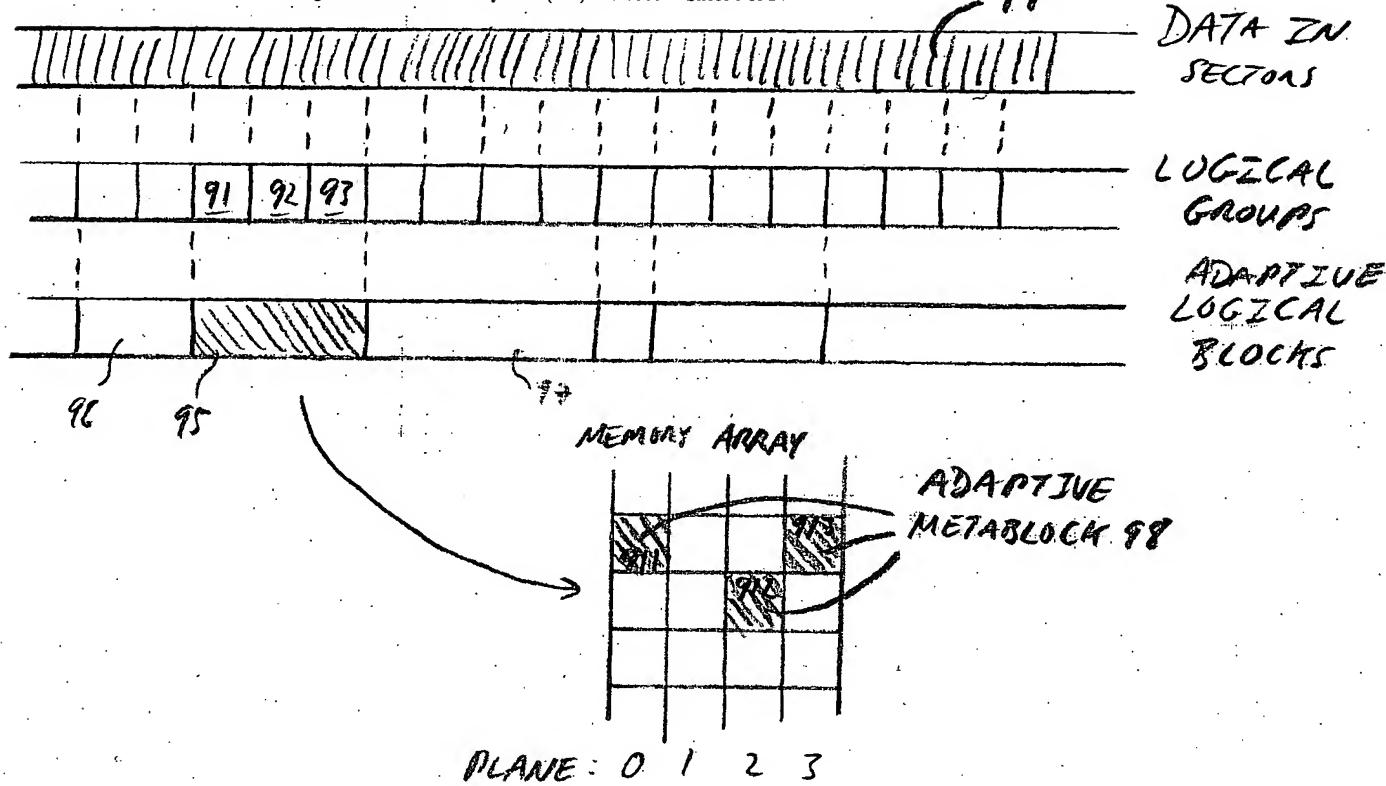


FIGURE 9A

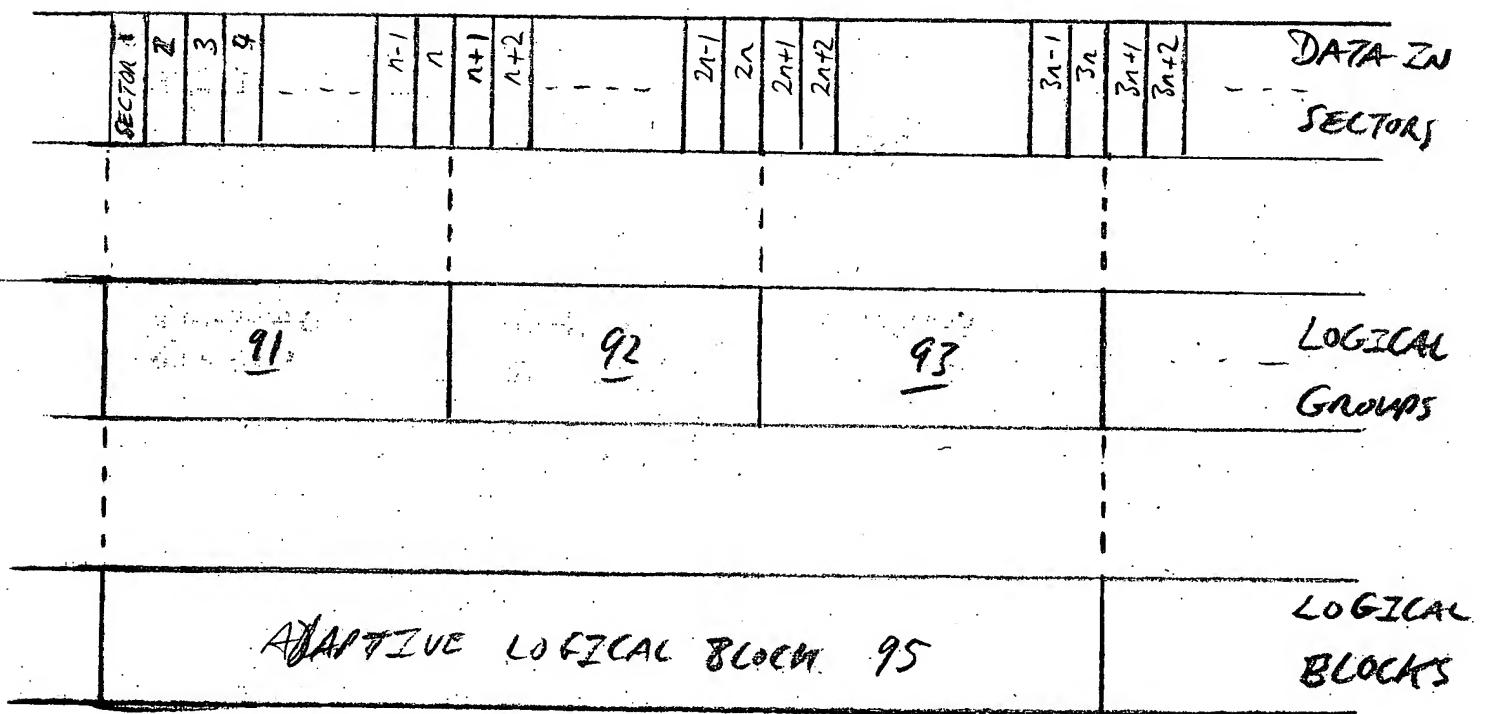


FIGURE 9B

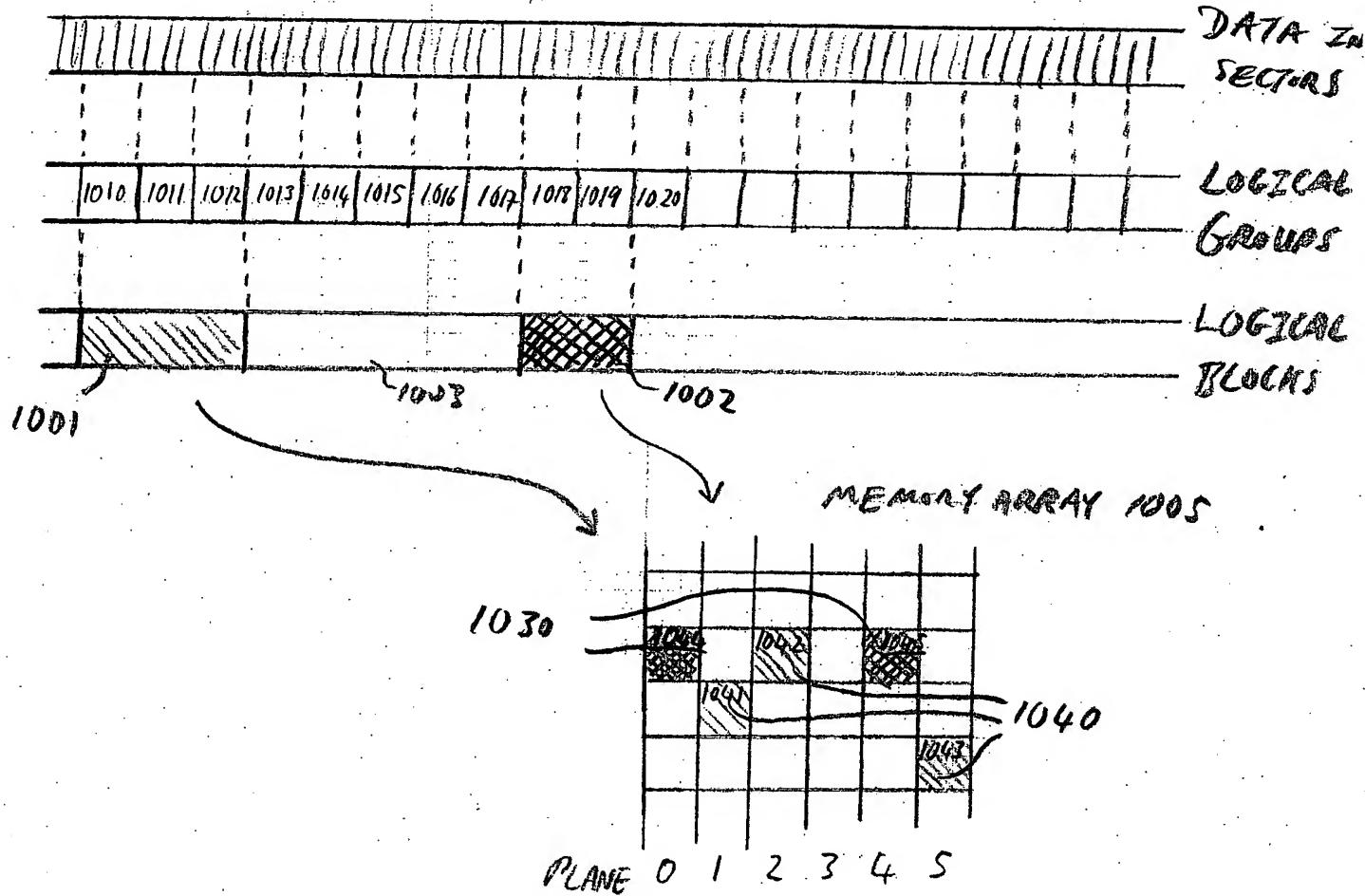


FIGURE 10

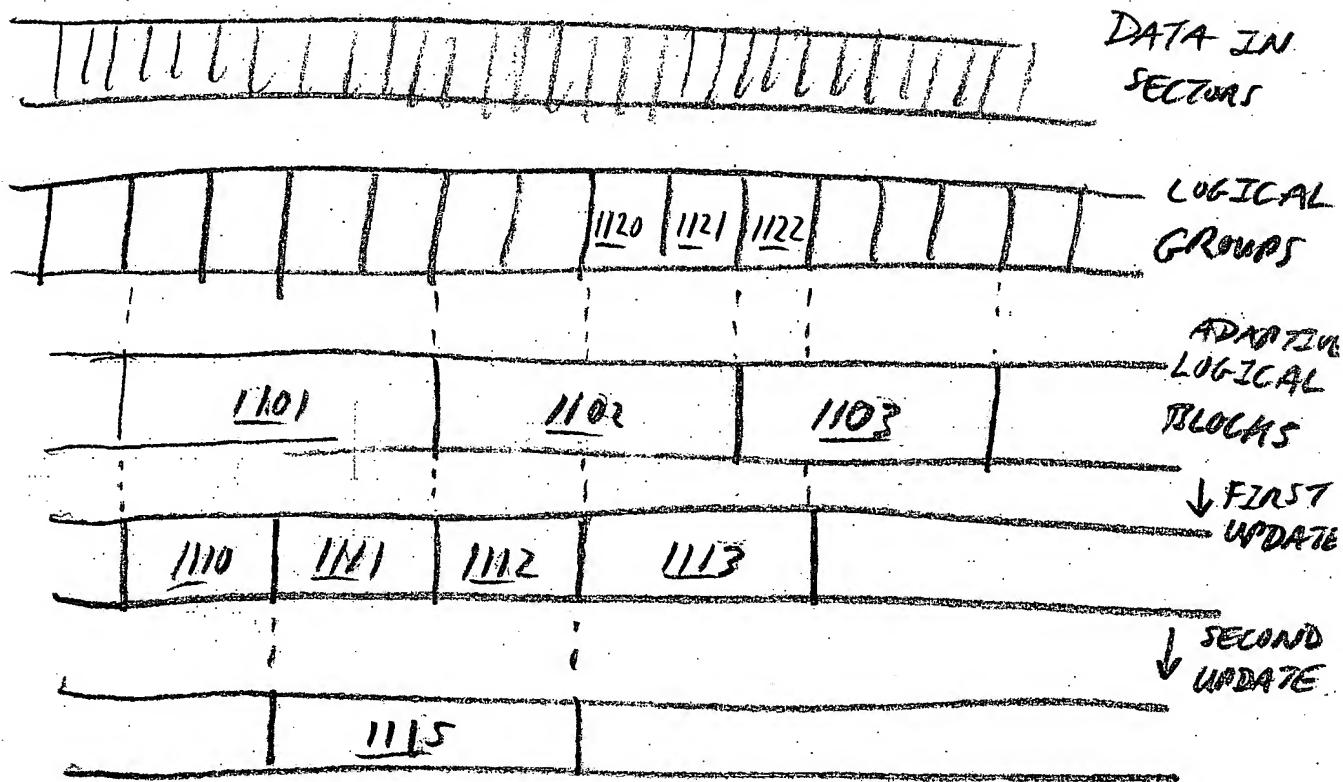


Fig 11

LOGICAL ADDRESS SPACE

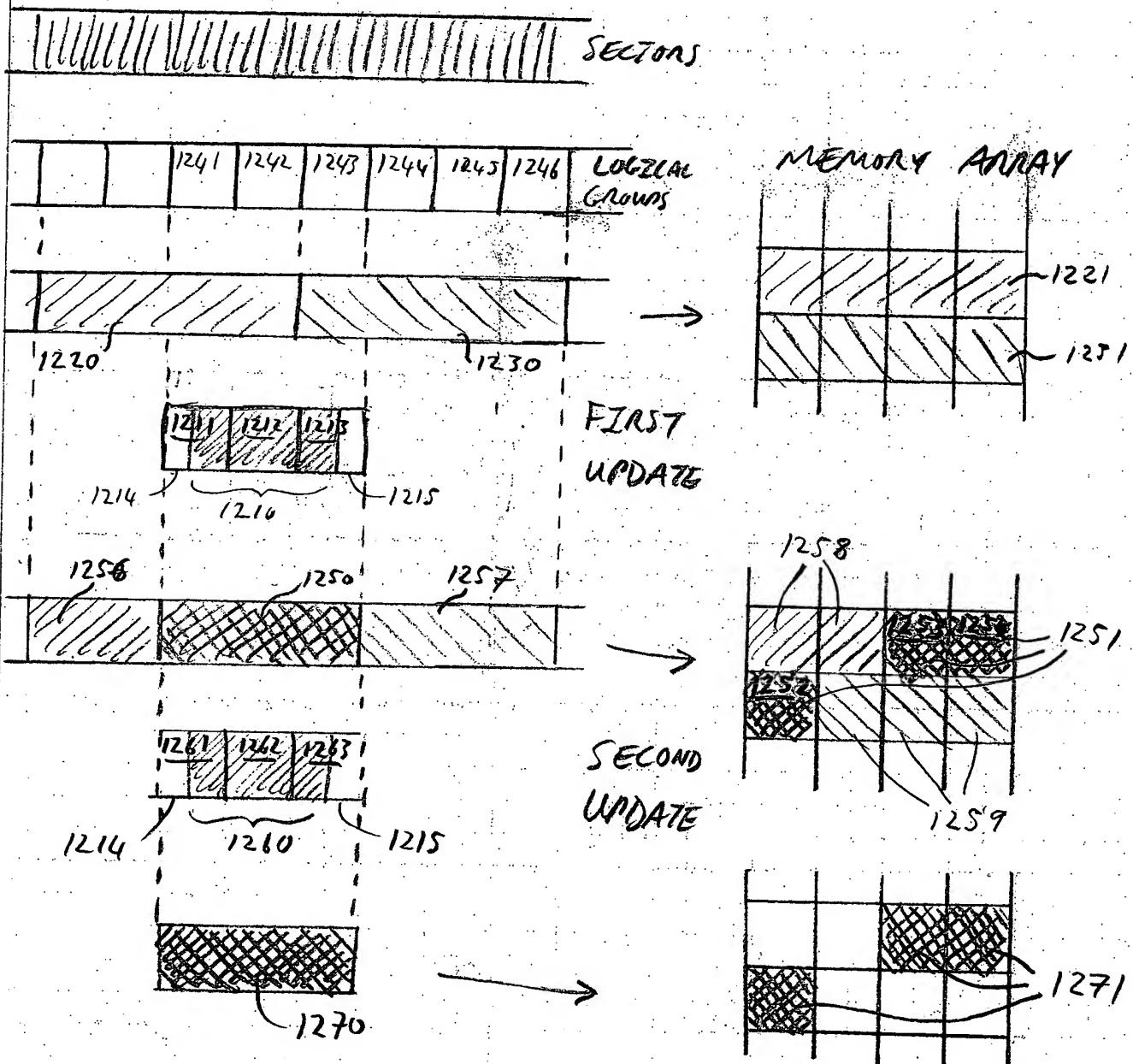


FIGURE 12A

22-141 50 SHEETS
22-142 100 SHEETS
22-144 200 SHEETS
CAMPAD

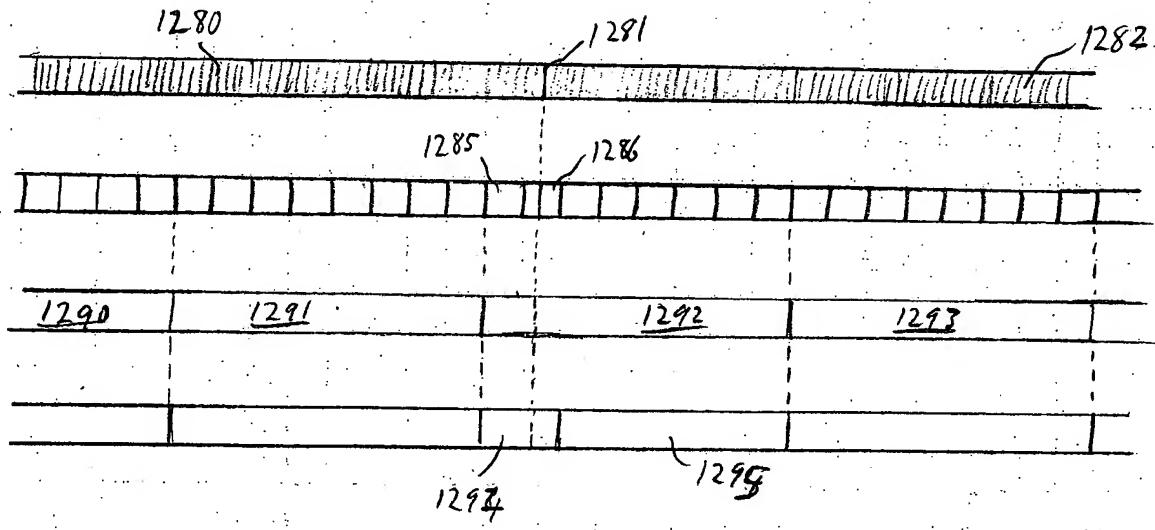
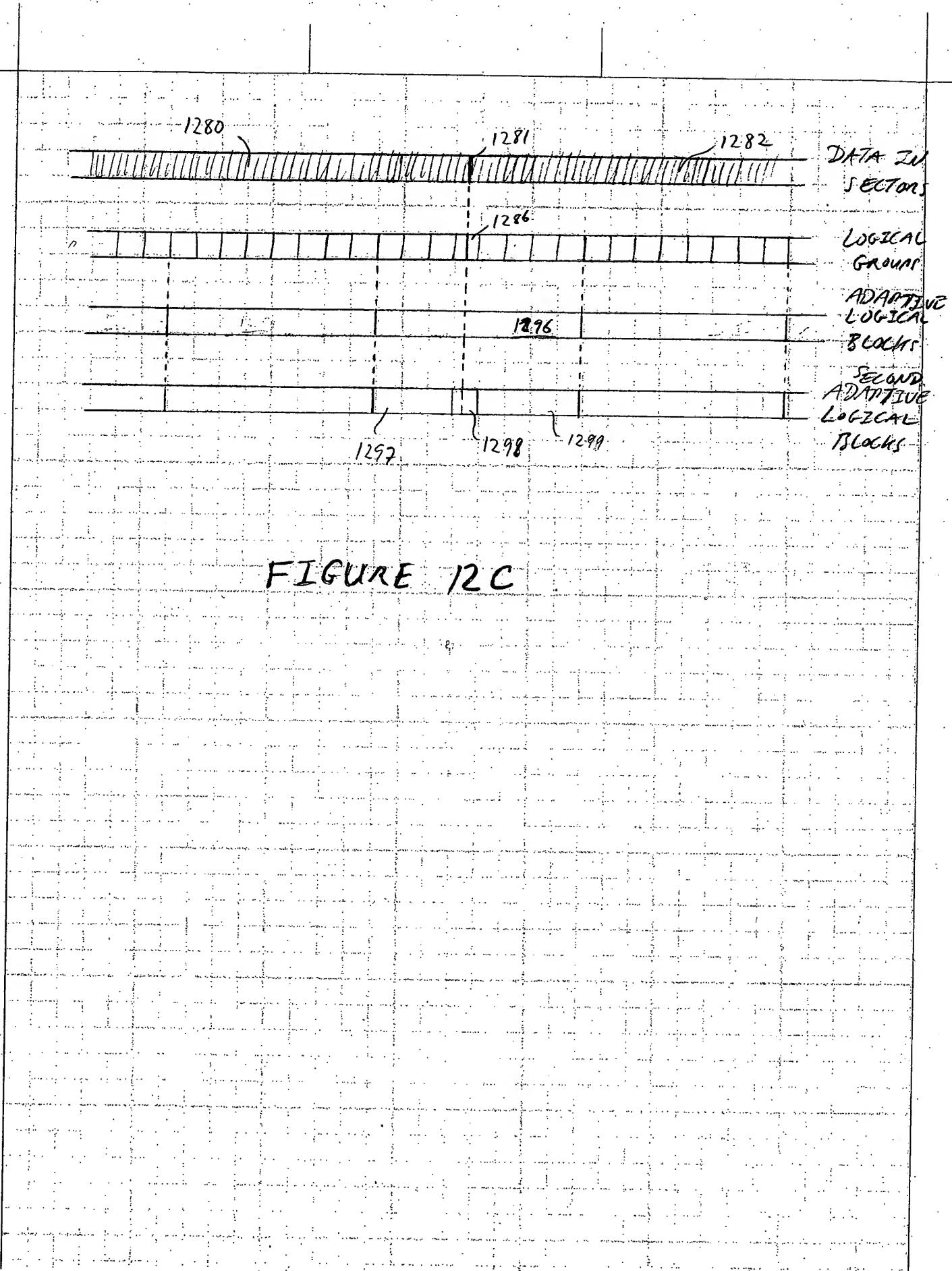
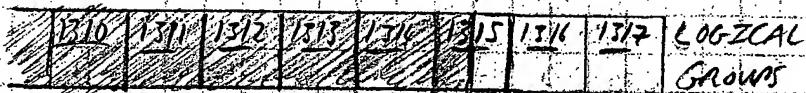


FIGURE 128



LOGICAL ADDRESS SPACE



MEMORY ARRAY

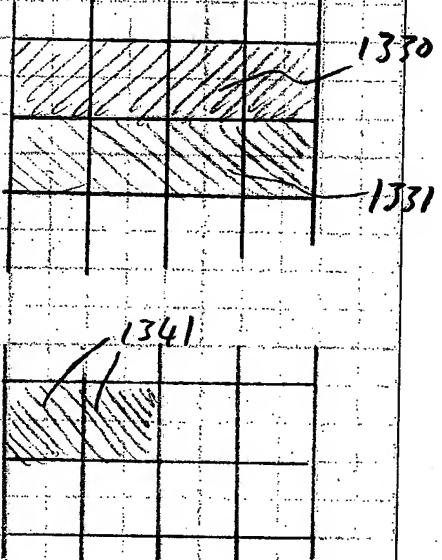
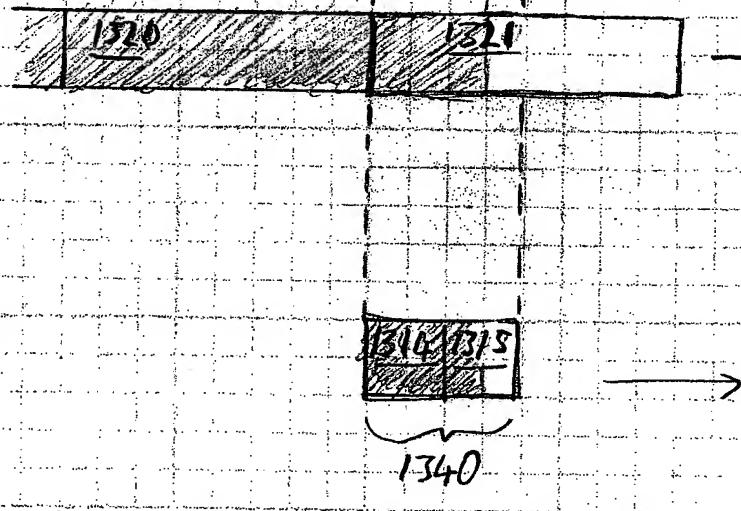
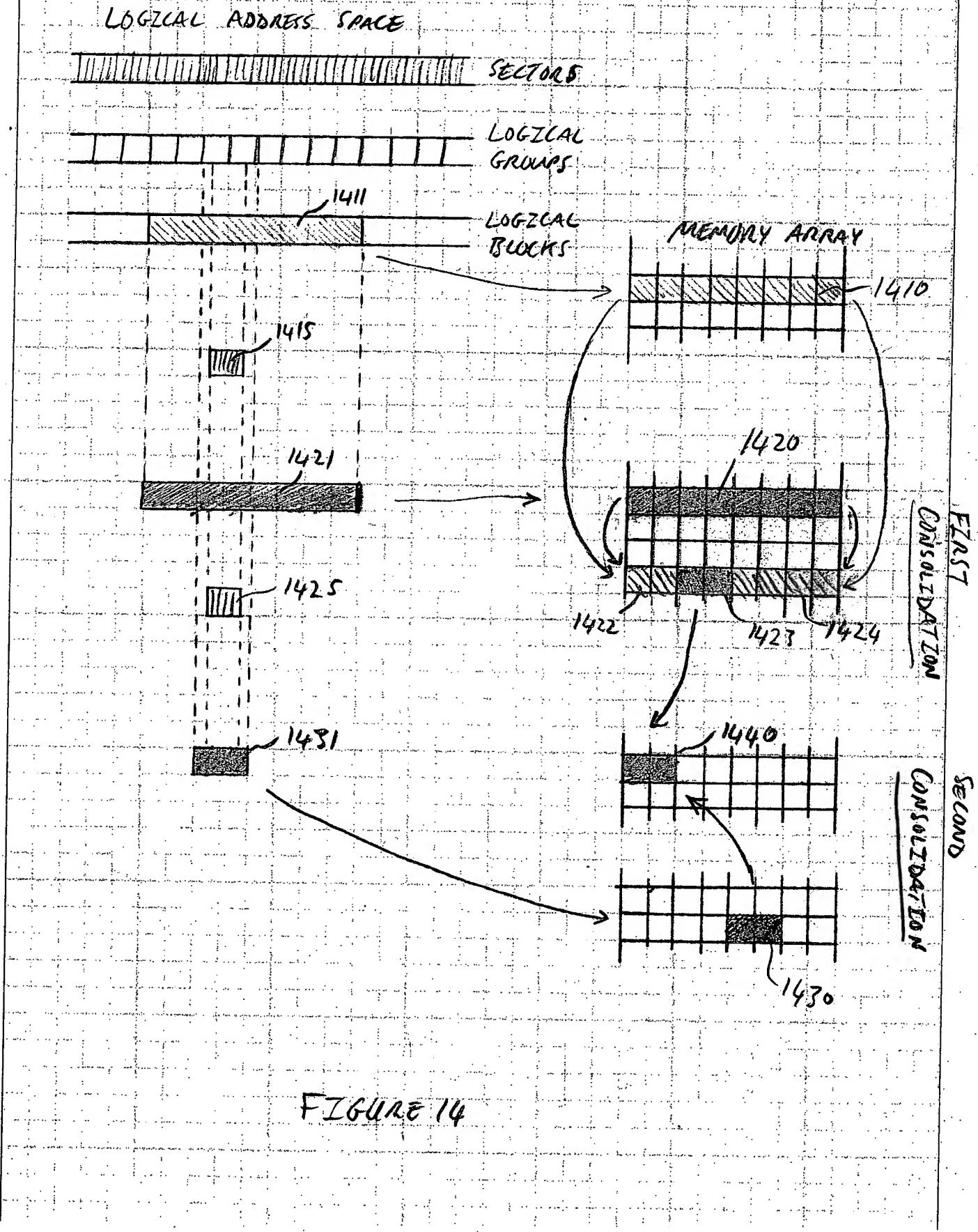
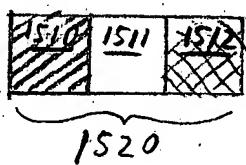


FIGURE 13

22-141 50 SHEETS
22-142 100 SHEETS
22-144 200 SHEETS

CAMPAL





MEMORY ARRAY

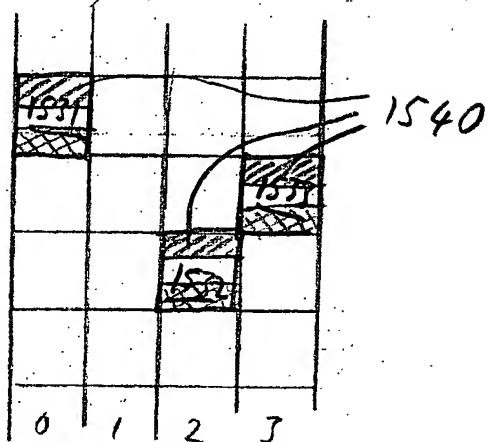


FIGURE 15A

MEMORY ARRAY

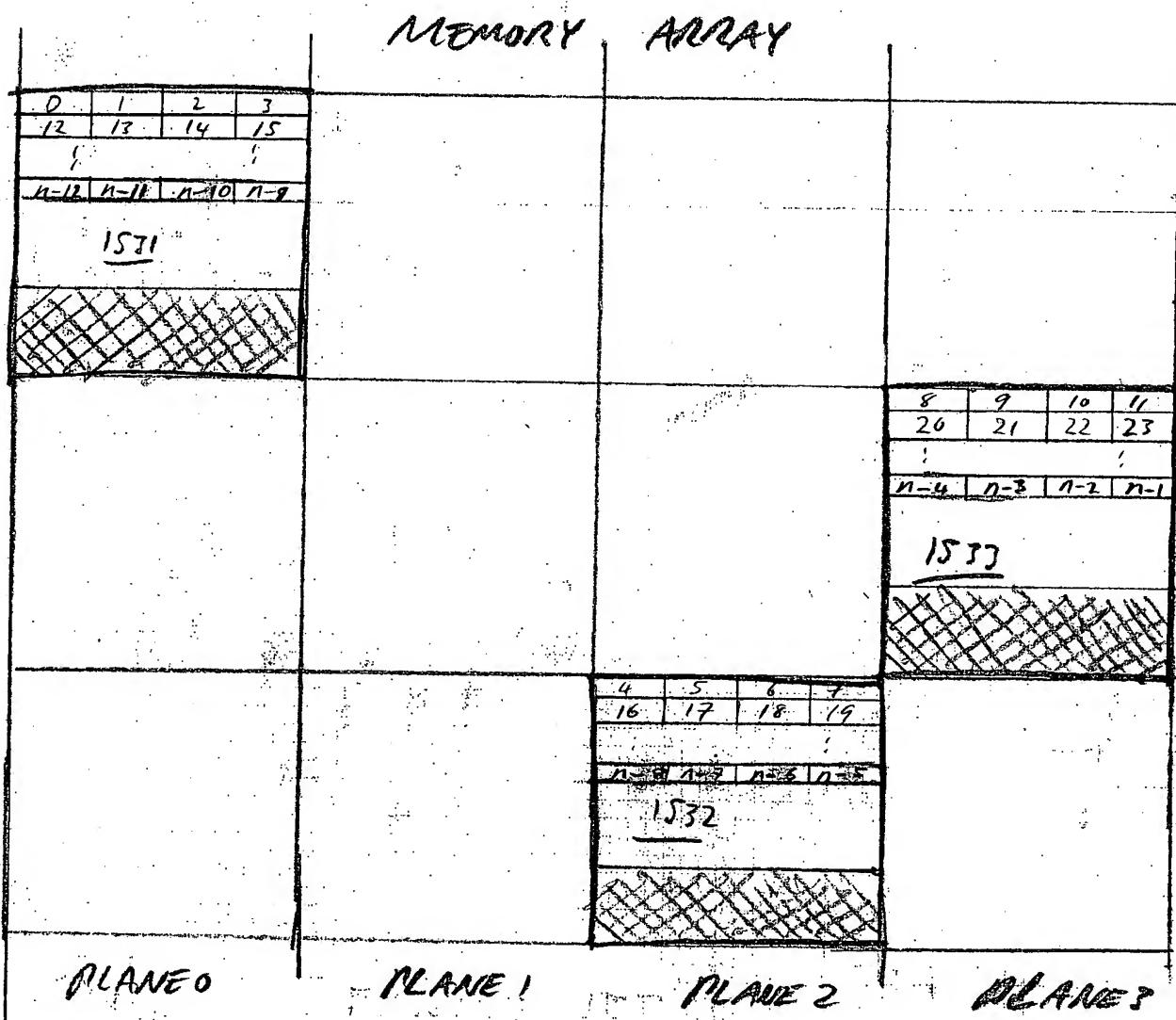


FIGURE 15B

MEMORY ARRAY

0	1	2	3
12	13	14	15
24	25	26	27
4'	5'	6'	7'

1551

8	9	10	11
20	21	22	23
0'	1'	2'	3'

1553

4	5	6	7
16	17	18	19
28	29	30	31
8'	9'	10'	11'

1552

FIGURE 15C

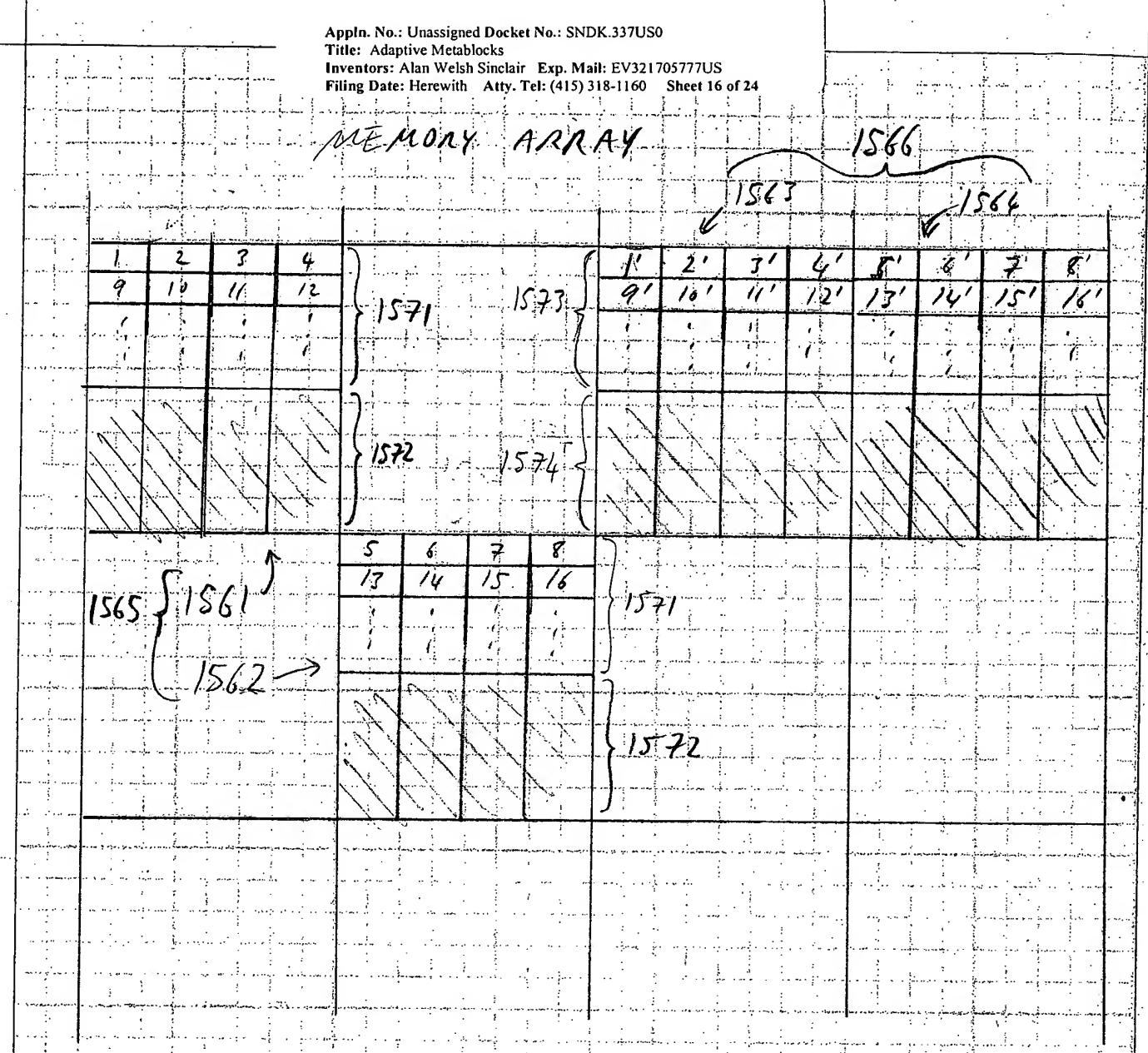


FIGURE 15D

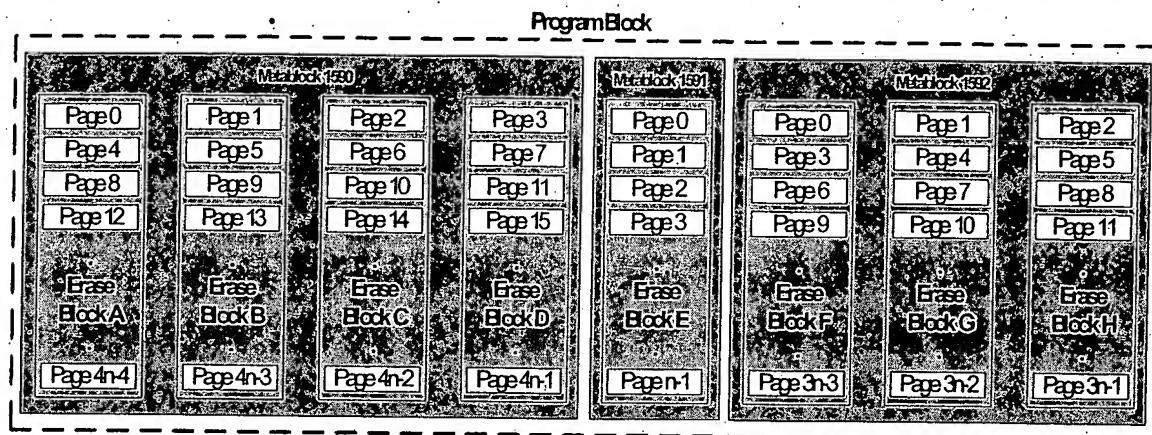
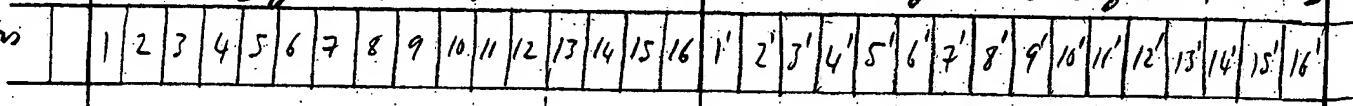


FIGURE 15E

22-141 50 SHEETS
22-142 100 SHEETS
22-144 200 SHEETS
CAMPAD

sectors



UPDATED
DATA
1582

MEMORY ARRAY

1585 →

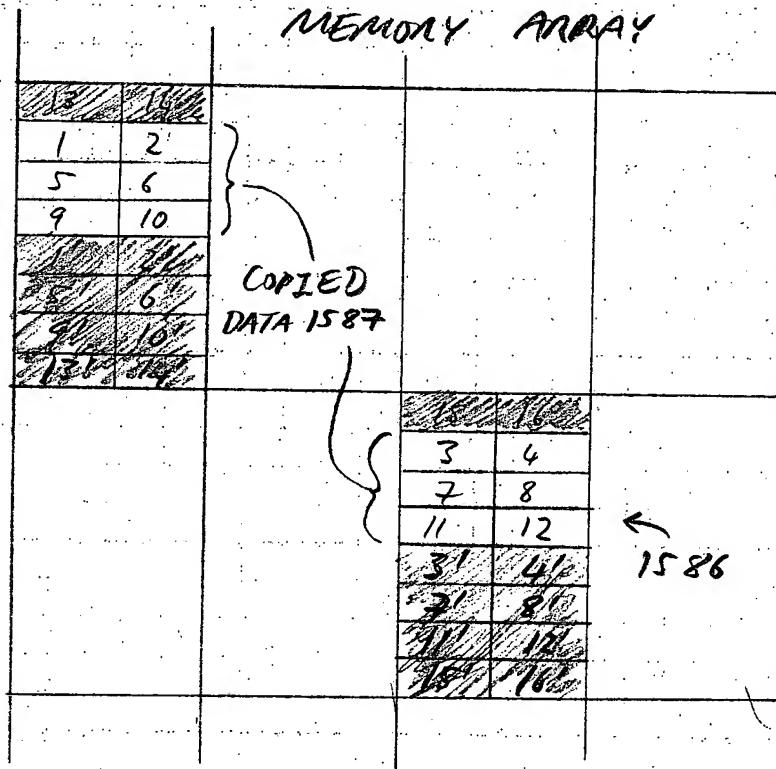


FIGURE 15F

<u>LOGICAL GROUP</u>	<u>SIZE</u>	<u>LOGICAL GROUP No.</u>	<u>BLOCK</u>
L1	3	1	A
L2	3	2	B
L3	3	?	C

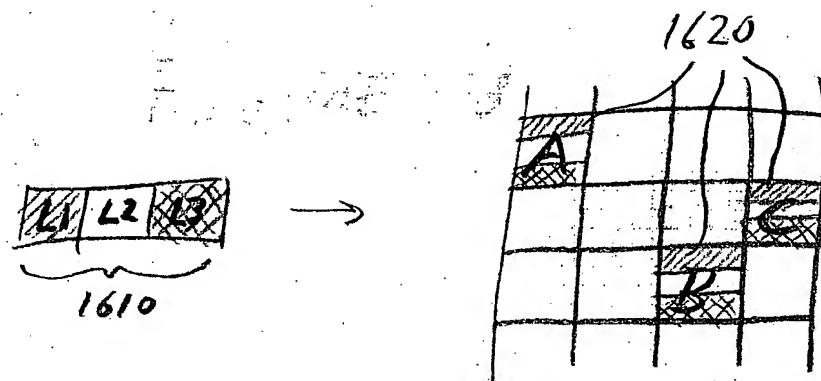


FIGURE 16

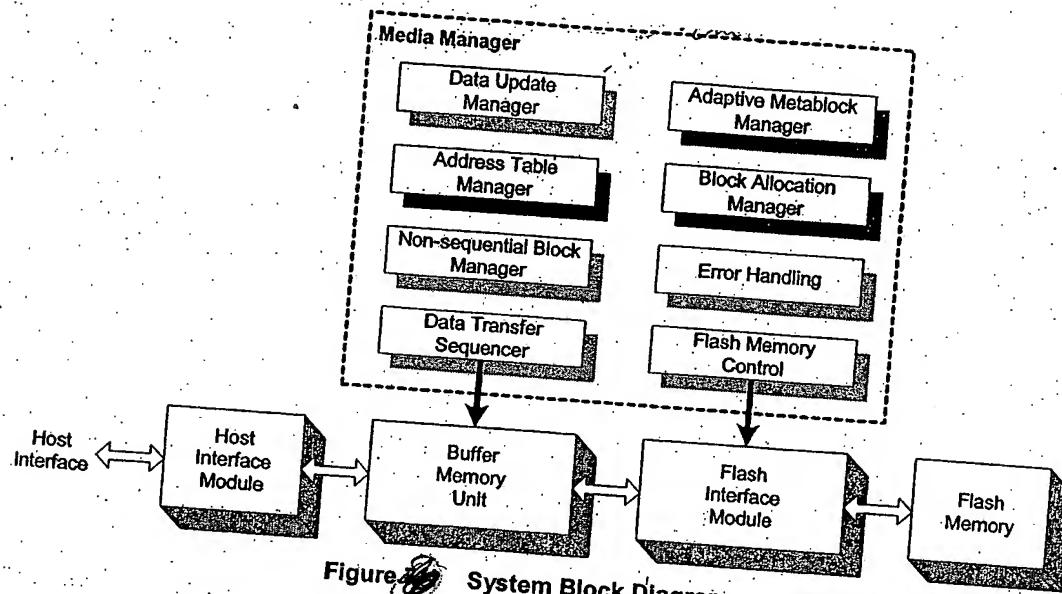


Figure 17 System Block Diagram

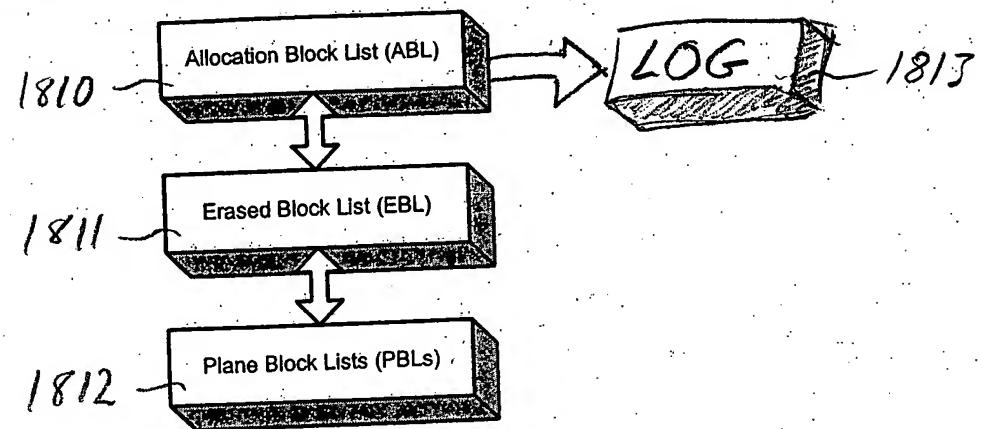


FIGURE 18A ERASED BLOCK MANAGEMENT HIERARCHY

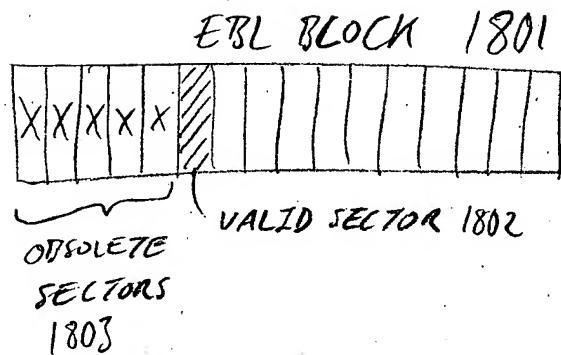


FIGURE 189

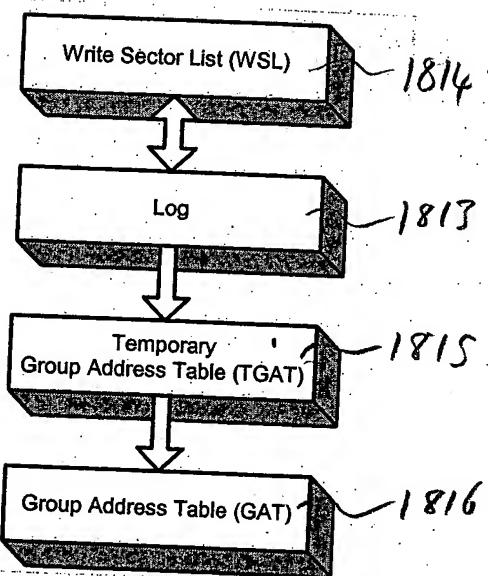


FIGURE 186 ADDRESS TABLE MANAGEMENT HIERARCHY

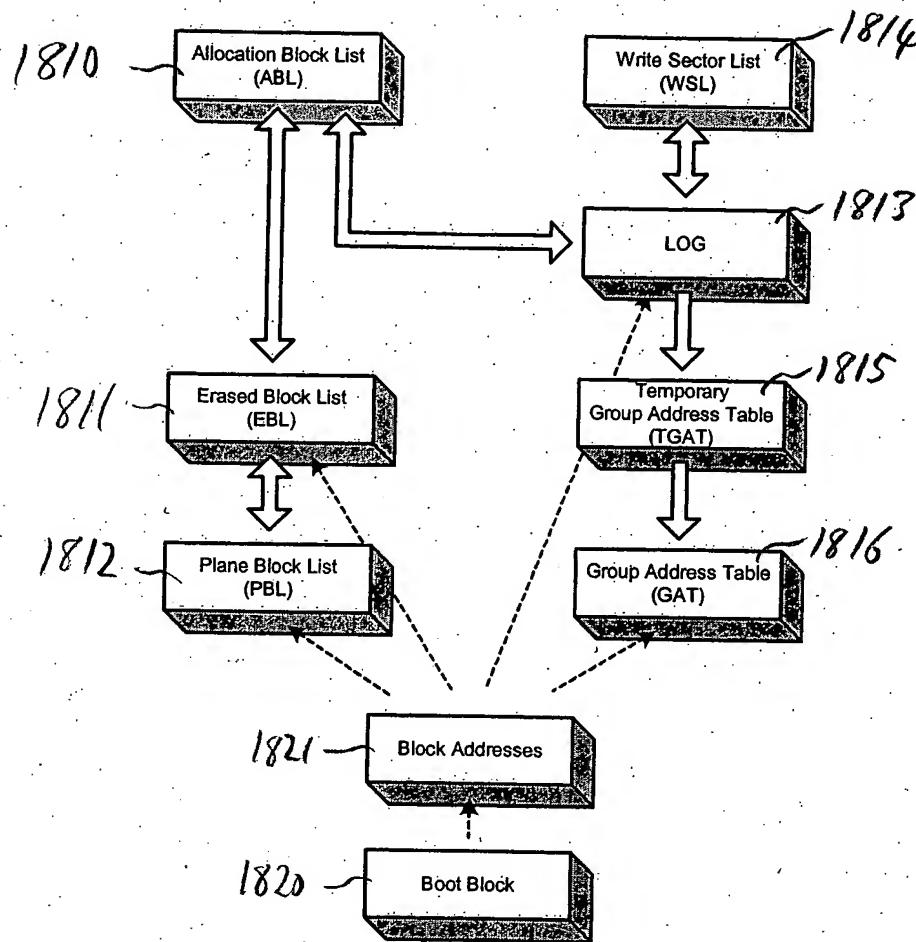


FIGURE 18D. DATA STRUCTURE REFERENCE TREE